

METHOD AND SYSTEM FOR PERFORMING
GEARBOX FINAL ASSEMBLY CLEAN CHECK

ABSTRACT OF THE DISCLOSURE

A clean check is performed on a gearbox by flushing an oil-based fluid through the gearbox and then through a filter. The filter is then weighed to determine the weight of contaminants collected in the filter. The contaminant weight is compared to a predetermined level, wherein the gearbox is acceptable if the contaminant weight is below the predetermined level. This method is carried out on a system that includes a source of the oil-based fluid fluidly connected to an inlet of the gearbox and a filter fluidly connected to an outlet of the gearbox. A device such as a pump is provided for causing the oil-based fluid to flow through the gearbox and the filter.